

DESCRIPTION OF THE COMPARATIVE TABLES OF TESTS DESCRIZIONE TABELLE COMPARATIVE PROVE

Giussani test benches are designed to check and test components of sanitary taps and hydraulic devices in general, according to the procedures imposed by the main international Standards.

Depending on the type of test and the device to be tested, the Aq2TB software guides the user in the choice of all the significant parameters characterizing the test itself.

The attached tables contains a summary description of the main tests with:

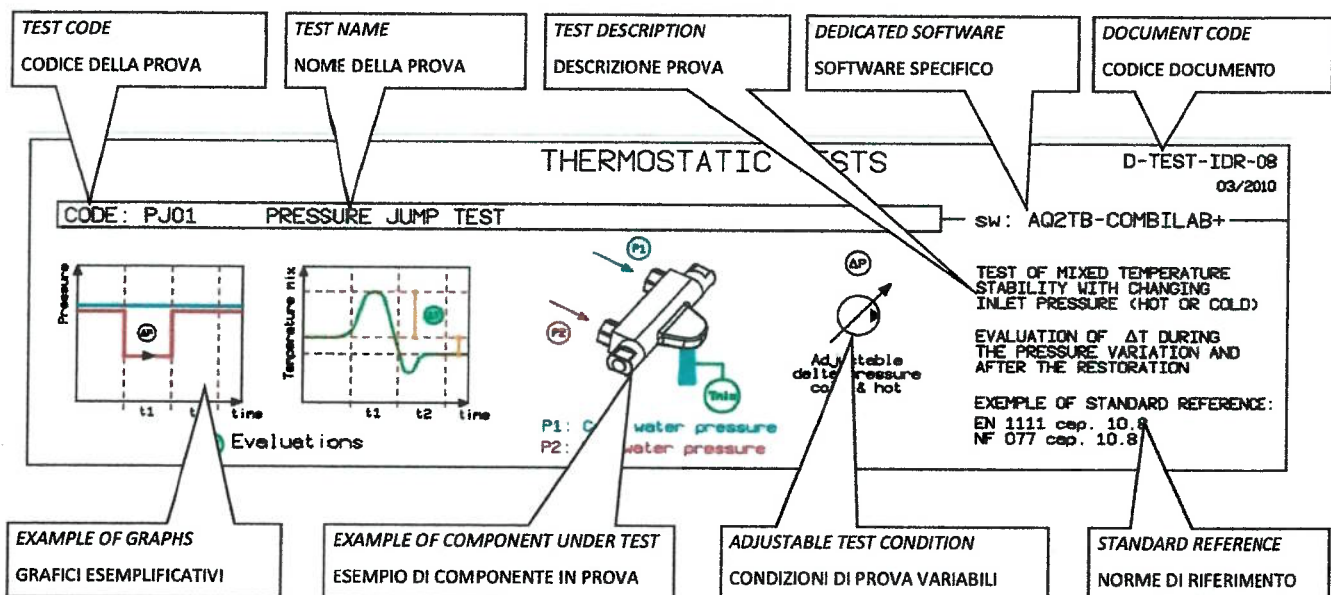
- *The graphical representation of the physical quantities measured.*
- *The example drawing of the installation of the device under test.*
- *The base operative range and the maximum achievable performance for each test bench.*
- *The main reference Standards.*

I banchi prova Giussani sono realizzati per testare e collaudare componenti di **rubinetteria idrosanitaria** e componenti idraulici in genere, secondo le procedure imposte dalle principali Norme di settore.

In funzione del tipo di prova e del componente da testare, il software Aq2TB guida l'utente nella scelta di tutti i parametri significativi che caratterizzano la prova stessa.

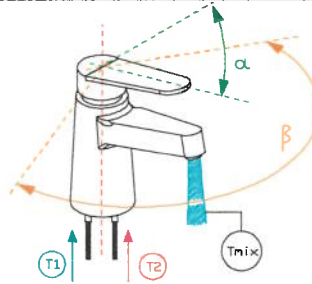
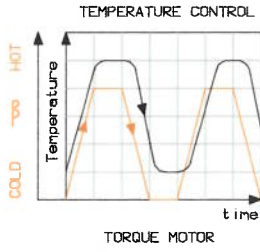
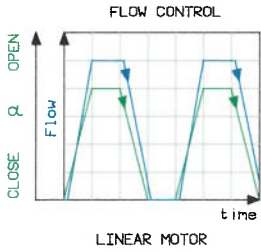
- Le tabelle allegate contengono una descrizione sintetica delle principali prove con:
- La rappresentazione grafica delle grandezze misurate.
- Lo schizzo esemplificativo dell'installazione del componente.
- I campi operativi delle versioni base e le prestazioni massime raggiungibili.
- Le principali Norme di riferimento.

EXPLANATION OF TESTS SPIEGAZIONE PROVE



CODE: ESL01 SINGLE LEVER MIXER ENDURANCE TEST

sw: AQ2TB-LM-ENCSA



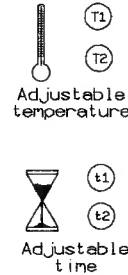
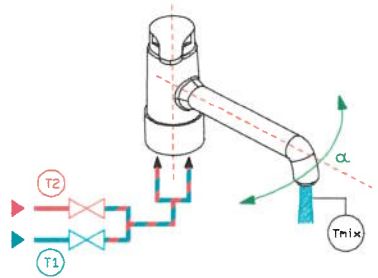
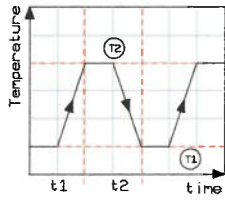
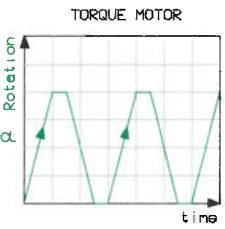
CONTROL AND ACQUISITION OF:

- LINEAR SPEED
- FORCE
- ANGULAR SPEED
- TORQUE
- MIXED WATER TEMPERATURE

EXAMPLE OF STANDARD REFERENCE
EN 817 chap. 12.1
ASME A112.18.1-2018/
CSA B125.1-18 chap. 5.6.1

CODE: ESS01 SWIVEL SPOUT ENDURANCE TEST

sw: AQ2TB-LBM-ENCSA



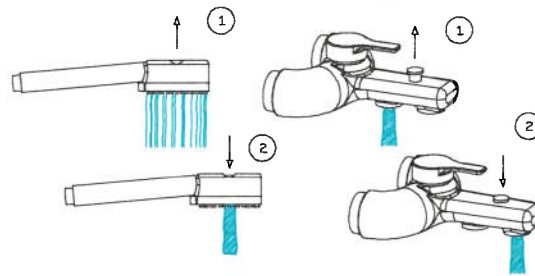
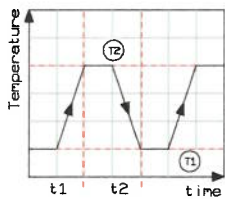
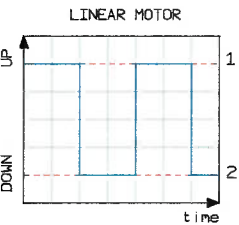
CONTROL AND ACQUISITION OF:

- ANGULAR SPEED
- TORQUE
- WATER SUPPLY TEMPERATURE

EXAMPLE OF STANDARD REFERENCE
EN 817 chap. 12.3
ASME A112.18.1-2018/
CSA B125.1-18 chap. 5.6.1.3

CODE: ED01 DIVERTER ENDURANCE TEST

sw: AQ2TB-LD-ENCSA



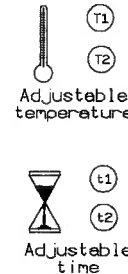
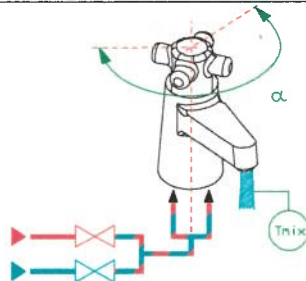
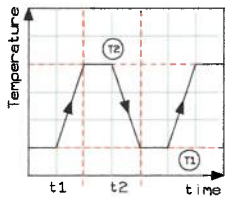
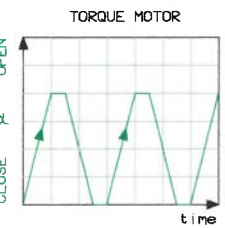
CONTROL AND ACQUISITION OF:

- LINEAR SPEED
- FORCE
- FLOW VARIATION

EXAMPLE OF STANDARD REFERENCE
EN 200 chap. 12.2
EN 817 chap. 12.2
EN 1111:2017 chap. 16.6
ASME A112.18.1-2018/
CSA B125.1-18 chap. 5.6.1.5

CODE: EFC01 FLOW CONTROL ENDURANCE TEST

sw: AQ2TB-LR-ENCSA
sw: AQ2TB-LCD-ENCSA
sw: AQ2TB-LPC-ENCSA



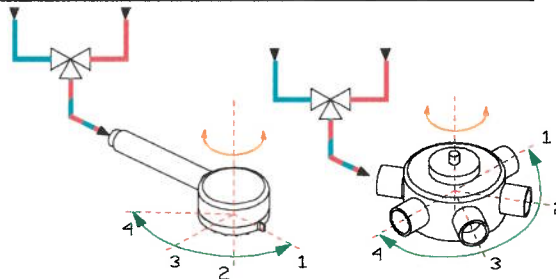
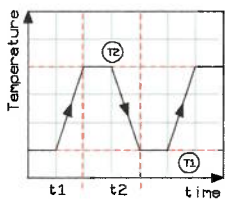
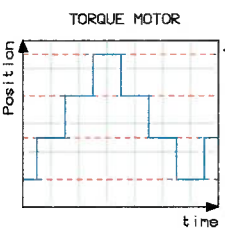
CONTROL AND ACQUISITION OF:

- ANGULAR POSITION
- TORQUE
- WATER SUPPLY TEMPERATURE

EXAMPLE OF STANDARD REFERENCE
EN 200 chap. 12.1
EN 1111:2017 chap. 16.2/3/4
ASME A112.18.1-2018/
CSA B125.1-18 chap. 5.6.3

CODE: EMWS01 MULTIWAY SELECTOR ENDURANCE TEST

sw: AQ2TB-LMWSENCSA

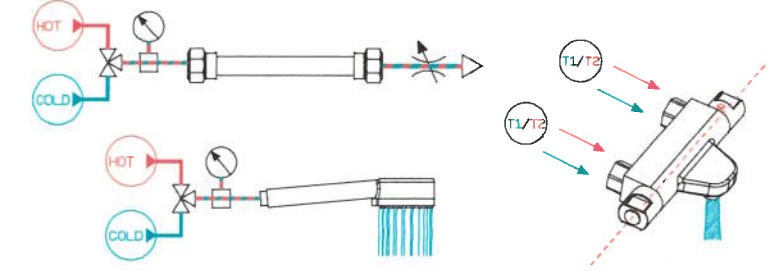
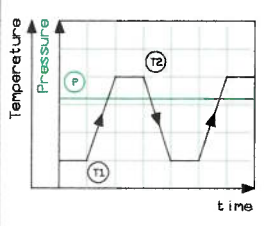


CONTROL AND ACQUISITION OF:

- ANGULAR SPEED
- TORQUE
- MIXED WATER TEMPERATURE

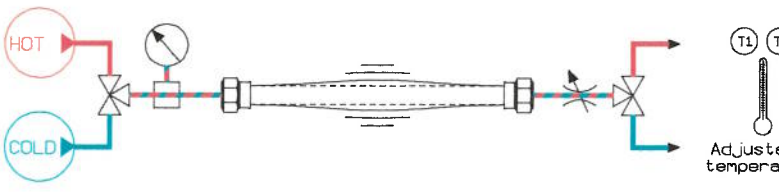
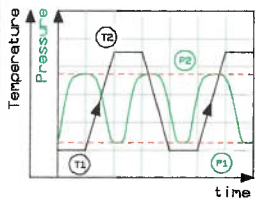
EXAMPLE OF STANDARD REFERENCE
ASME A112.18.1-2018/
CSA B125.1-18 chap. 5.6.1.4

CODE: TSO1 THERMAL SHOCK TEST sw: AQ2TB-1LD-H&C



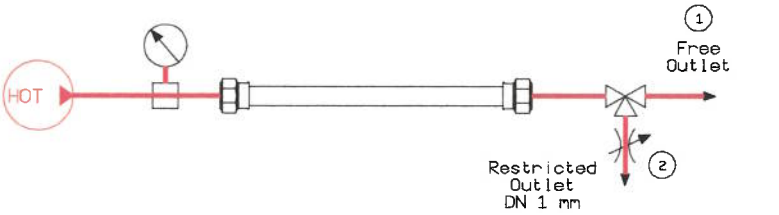
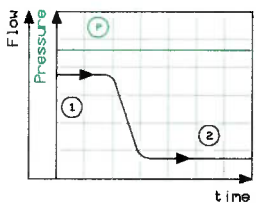
TEST RANGE
 PRESSURE: 1 - 5 bar
 TEMPERATURE: 15 - 80 °C
 FLOW: 2 - 80 L/min
STANDARD REFERENCE
 EN 1112 chap. 10.3
 EN 1113 chap. 9.6
 NF 079 doc. 8 chap. 12

CODE: PO3-TC CYCLING PRESSURE + THERMAL SHOCK sw: AQ2TB-CYCLEAUT



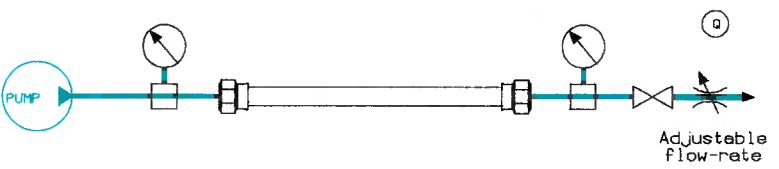
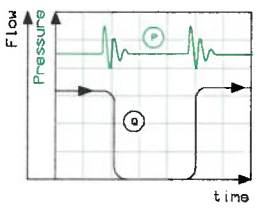
TEST RANGE
 PRESSURE: 1 - 14 bar
 TEMPERATURE: 10 - 95 °C
 FLOW: 2 - 50 L/min
 Adjustable temperature
 Adjustable pressure

CODE: PRH01 PRESSURE RESISTANCE AT ELEVATED TEMPERATURE TEST sw: AQ2TB-LSH



TEST RANGE
 PRESSURE: 1 - 3 bar
 TEMPERATURE: 70 °C
 FLOW: 1 - 6 L/min
STANDARD REFERENCE
 EN 1113 chap. 9.4
 Adjustable pressure

CODE: WHB01 WATER HAMMER TEST NBR 14878 sw: AQ2TB-NBR14878D



TEST RANGE
 PRESSURE: 4 bar
 TEMPERATURE: up to 65 °C
 FLOW: adjustable
STANDARD REFERENCE
 NBR 14878 annex D
 Adjustable flow-rate
 Adjustable pressure